

NOTE:  
MD 189 IS CONSIDERED TO RUN  
IN A NORTH-SOUTH DIRECTION

PROPOSED VIDEO  
DETECTION CAMERAS  
A & B

13  
LEFT TURN  
YIELD  
ON GREEN  
R10-12  
36" x 42"  
(SIGN TO BE REMOVED)

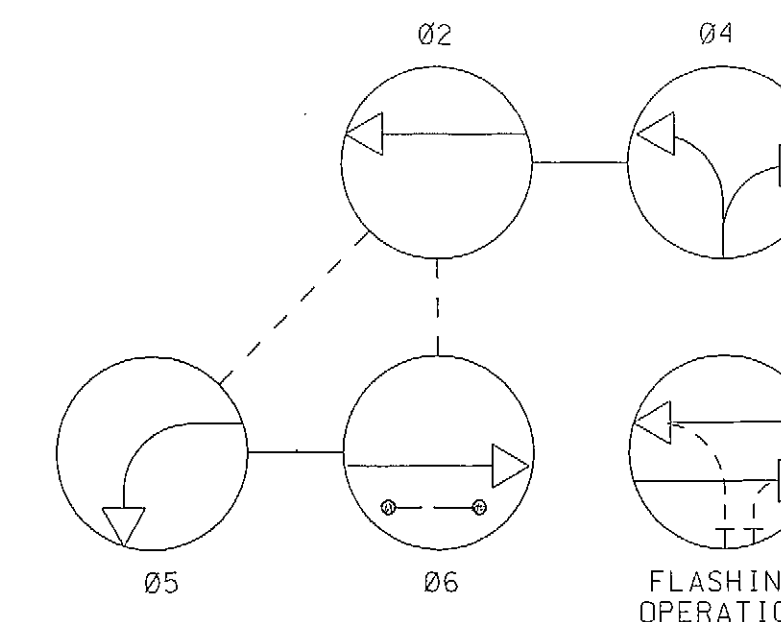
# EXISTING SIGNS

1 15b 15a  
Bells Mill RD 9400 Bells Mill RD 9400  
03-2  
(DUAL-FACED)  
VARIABLE x 16"  
16  
Falls RD 11000  
03-2  
VARIABLE x 16"

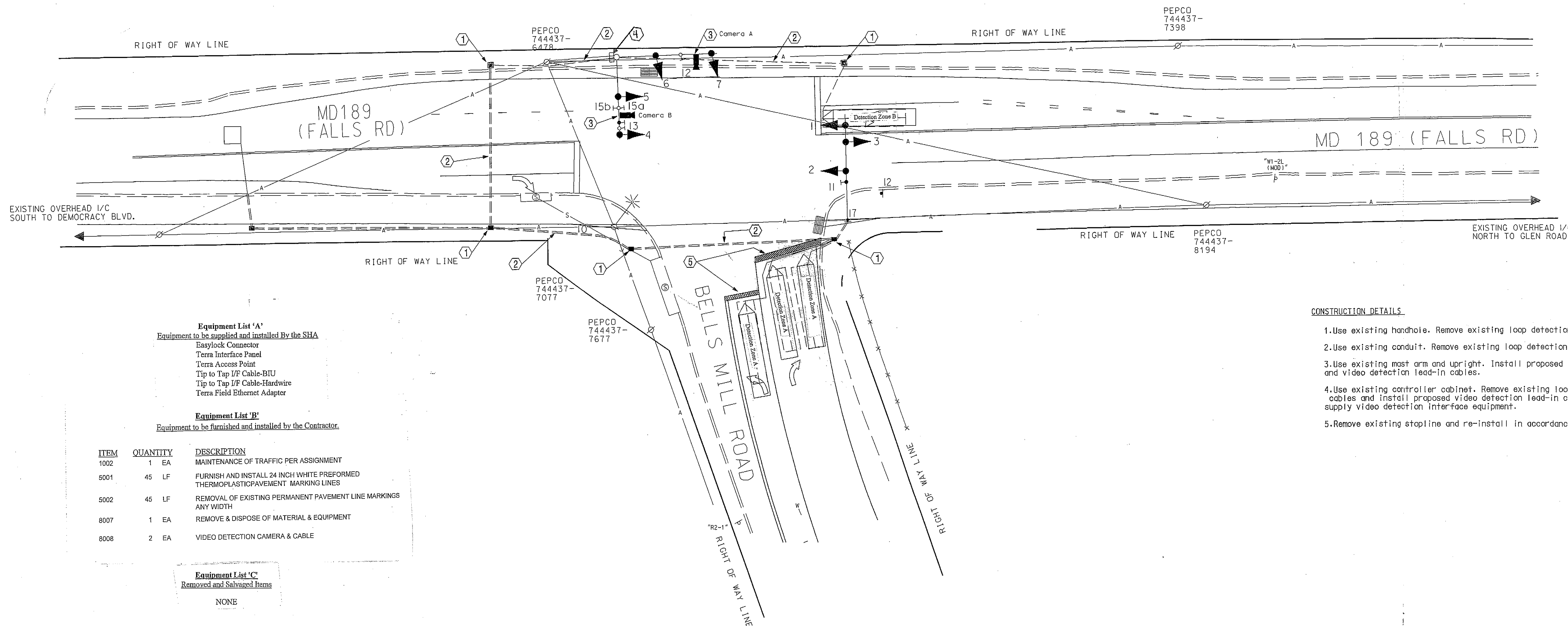
# EXISTING SIGNALS

1,2,5-7 3,4  
R Y G R Y G  
12" 12"

# NEMA PHASING



PHASING NOTES:  
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



**Equipment List 'A'**  
Equipment to be supplied and installed By the SHA  
Easylock Connector  
Terra Interface Panel  
Terra Access Point  
Tip to Tap I/F Cable-BIU  
Tip to Tap I/F Cable-Hardware  
Terra Field Ethernet Adapter

**Equipment List 'B'**  
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY	DESCRIPTION
1002	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5001	45 LF	FURNISH AND INSTALL 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
5002	45 LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8007	1 EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8008	2 EA	VIDEO DETECTION CAMERA & CABLE

**Equipment List 'C'**  
Removed and Salvaged Items  
NONE

# CONSTRUCTION DETAILS

1. Use existing handhole. Remove existing loop detection lead-in cables.
2. Use existing conduit. Remove existing loop detection lead-in cables.
3. Use existing mast arm and upright. Install proposed video detection cameras and video detection lead-in cables.
4. Use existing controller cabinet. Remove existing loop detection lead-in cables and install proposed video detection lead-in cables. TOD will supply video detection interface equipment.
5. Remove existing stopline and re-install in accordance to SHA Standards.

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A --- A
ELECTRIC	E --- E
TELEPHONE	T --- T
GAS	G --- G
SEWER	S --- S
WATER	W --- W
CABLE TV	TV --- TV

REVISION "C"  
  
STREET TRAFFIC STUDIES, LTD.  
400 Crain Hwy., N.W.  
Glen Burnie, MD 21051  
Ph (410) 590-5500  
Fax (410) 590-6637  
5151c.dgn

APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
1. INSTALLATION OF VIDEO DETECTION	XX556, TMS M085 05/15/2013
2. ADD APS, CPS, RAMPS AND BIKE PATH	11-30-08
3. ASBUILT	2-2-99

<b>SHA</b> STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION	
MD 189 AND BELLS MILL ROAD POTOMAC, MARYLAND	
<b>TRAFFIC SIGNAL PLAN</b>	
SCALE 1" = 20' DATE 2-11-85 CONTRACT NO.	DESIGNED BY DRAWN BY CHECKED BY F.A.P. NO.
COUNTY MONTGOMERY LOGMILE 15018903.54 TIMS NO. TOD NO.	TS NO. 2050D DRAWING NO. 1 OF SHEET NO. 1 OF 1